

VOLUME 73 · CONTENTS

No 1 JULY 1995

1 James Spence Medallist 1995

Annotations

- 3 Screening tests for coeliac disease *D N Challacombe*
- 4 Microalbuminuria and nephropathy in insulin dependent diabetes mellitus *Fiona M Campbell*

Original articles

- 8 Conditional reference charts to assess weight gain in British infants *T J Cole*
- 17 Cross sectional stature and weight reference curves for the UK, 1990 *J V Freeman, T J Cole, S Chinn, et al*
- 25 Body mass index reference curves for the UK, 1990 *T J Cole, J V Freeman, M A Preece*
- 30 Recruiting patients to clinical trials: lessons from studies of growth hormone treatment in renal failure
R J Postlethwaite, J M Reynolds, A J Wood, et al
Commentary—A G M Campbell
- 36 Short stature and chronic renal failure: what concerns children and parents? *J M Reynolds, A J Wood, D M Eminson, et al*
- 43 Development and satisfaction with individual programme planning in a disability service *Paul Stallard, Tom Hutchison*
- 48 Impact of functional severity on self concept in young people with spina bifida *P E Minchom, N C Ellis, P L Appleton, et al*
- 53 Visual impairment in severe and profound sensorineural deafness *I M Armitage, J P Burke, J T Buffin*
- 57 Parents' views of health surveillance *J C Sutton, C Jagger, L K Smith*
- 62 Lipid profile with paternal history of coronary heart disease before age 40 *Tzvy Bistrizter, Lorena Rosenzweig, Joseph Barr, et al*
- 66 Contemporary results of balloon valvuloplasty and surgical valvotomy for congenital aortic stenosis
Michael A Gatzoulis, Michael L Rigby, Elliot A Shinebourne, et al
- 70 Hydrosonography in the evaluation of colorectal polyps *Ung-Paw Ling, Jia-Yuh Chen, Chi-Jou Hwang, et al*
- 74 Faecal interleukin-8 and tumour necrosis factor- α concentrations in cystic fibrosis *G L Briars, T P Dean, J L Murphy, et al*
- Clinical practice**
- 77 Behaviour in mucopolysaccharide disorders *Martin C O Bax, Gillian A Colville*
- Personal practice**
- 82 Diagnosis and treatment of gastro-oesophageal reflux *A E M Davies, B K Sandhu*
- 87 **Letters to the editor**
- 90 **Lucina**
- 29 **Archivist**

Inside back cover **Instructions to authors**

No 2 AUGUST 1995

Annotations

- 91 The classification of disability *Tom Hutchison*
Commentary—D M B Hall
- 94 Investigation of mitochondrial disease *Jo Poulton, Garry K Brown*
- 97 Genetic testing of children *Alan Fryer*

Original articles

- 100 Childhood cancers in Zambia before and after the HIV epidemic *Chifumbe Chintu, Uma H Athale, P S Patil*
Commentary—O B Eden
- 106 Non-convulsive status epilepticus *G Stores, Z Zaiwalla, E Styles, et al*
- 112 Genetic factors in the presence, severity, and triggers of asthma *Edward P Sarafino, Jarrett Goldfeder*
- 117 Effect of respiratory virus infections including rhinovirus on clinical status in cystic fibrosis — *A R Smyth, R L Smyth, C Y W Tong, et al*
- 121 Role of gastro-oesophageal reflux in infant irritability *R G Heine, A Jaquiere, L Lubitz, et al*
- 126 Fluid intake and industrial processing in apple juice induced chronic non-specific diarrhoea *J H van den Aker, Y F Ghoo, et al*
- 131 A double blind, placebo controlled study of the effects of low dose testosterone undecanoate on the growth of small for age, prepubertal boys *D C Brown, G E Butler, C J H Ketnar, et al*
- 136 Intellectual performance after presymptomatic cranial radiotherapy for leukaemia: effects of age and sex
D Christie, A D Leiper, J M Chessells, et al
- 141 Growth and puberty after growth hormone treatment after irradiation for brain tumours *A L Ogilvy-Stuart, S M Shalet*
- 147 ECG and echocardiographic diagnosis of pulmonary thromboembolism associated with central venous lines
Andrew J Pollard, Narayanswami Sreeram, John G Wright, et al

VOLUME 73 · CONTENTS

No 1 JULY 1995

1 James Spence Medallist 1995

Annotations

- 3 Screening tests for coeliac disease *D N Challacombe*
- 4 Microalbuminuria and nephropathy in insulin dependent diabetes mellitus *Fiona M Campbell*

Original articles

- 8 Conditional reference charts to assess weight gain in British infants *T J Cole*
- 17 Cross sectional stature and weight reference curves for the UK, 1990 *J V Freeman, T J Cole, S Chinn, et al*
- 25 Body mass index reference curves for the UK, 1990 *T J Cole, J V Freeman, M A Preece*
- 30 Recruiting patients to clinical trials: lessons from studies of growth hormone treatment in renal failure
R J Postlethwaite, J M Reynolds, A J Wood, et al
Commentary—A G M Campbell
- 36 Short stature and chronic renal failure: what concerns children and parents? *J M Reynolds, A J Wood, D M Eminson, et al*
- 43 Development and satisfaction with individual programme planning in a disability service *Paul Stallard, Tom Hutchison*
- 48 Impact of functional severity on self concept in young people with spina bifida *P E Minchom, N C Ellis, P L Appleton, et al*
- 53 Visual impairment in severe and profound sensorineural deafness *I M Armitage, J P Burke, J T Buffin*
- 57 Parents' views of health surveillance *J C Sutton, C Jagger, L K Smith*
- 62 Lipid profile with paternal history of coronary heart disease before age 40 *Tzvy Bistrizter, Lorena Rosenzweig, Joseph Barr, et al*
- 66 Contemporary results of balloon valvuloplasty and surgical valvotomy for congenital aortic stenosis
Michael A Gatzoulis, Michael L Rigby, Elliot A Shinebourne, et al
- 70 Hydrosonography in the evaluation of colorectal polyps *Ung-Paw Ling, Jia-Yuh Chen, Chi-Jou Hwang, et al*
- 74 Faecal interleukin-8 and tumour necrosis factor- α concentrations in cystic fibrosis *G L Briars, T P Dean, J L Murphy, et al*
- Clinical practice**
- 77 Behaviour in mucopolysaccharide disorders *Martin C O Bax, Gillian A Colville*
- Personal practice**
- 82 Diagnosis and treatment of gastro-oesophageal reflux *A E M Davies, B K Sandhu*
- 87 **Letters to the editor**
- 90 **Lucina**
- 29 **Archivist**

Inside back cover **Instructions to authors**

No 2 AUGUST 1995

Annotations

- 91 The classification of disability *Tom Hutchison*
Commentary—D M B Hall
- 94 Investigation of mitochondrial disease *Jo Poulton, Garry K Brown*
- 97 Genetic testing of children *Alan Fryer*

Original articles

- 100 Childhood cancers in Zambia before and after the HIV epidemic *Chifumbe Chintu, Uma H Athale, P S Patil*
Commentary—O B Eden
- 106 Non-convulsive status epilepticus *G Stores, Z Zaiwalla, E Styles, et al*
- 112 Genetic factors in the presence, severity, and triggers of asthma *Edward P Sarafino, Jarrett Goldfeder*
- 117 Effect of respiratory virus infections including rhinovirus on clinical status in cystic fibrosis — *A R Smyth, R L Smyth, C Y W Tong, et al*
- 121 Role of gastro-oesophageal reflux in infant irritability *R G Heine, A Jaquiere, L Lubitz, et al*
- 126 Fluid intake and industrial processing in apple juice induced chronic non-specific diarrhoea *J H van den Aker, Y F Ghoo, et al*
- 131 A double blind, placebo controlled study of the effects of low dose testosterone undecanoate on the growth of small for age, prepubertal boys *D C Brown, G E Butler, C J H Ketnar, et al*
- 136 Intellectual performance after presymptomatic cranial radiotherapy for leukaemia: effects of age and sex
D Christie, A D Leiper, J M Chessells, et al
- 141 Growth and puberty after growth hormone treatment after irradiation for brain tumours *A L Ogilvy-Stuart, S M Shalet*
- 147 ECG and echocardiographic diagnosis of pulmonary thromboembolism associated with central venous lines
Andrew J Pollard, Narayanswami Sreeram, John G Wright, et al

- 151 Foot pathology in insulin dependent diabetes *S J Barnett, J P H Shield, M J Potter, et al*
- 154 A crossover comparison of extended release felodipine with prolonged action nifedipine in hypertension
Ileana Monica, Paul I Oh, Ishar ul Qamar, et al
- 157 Visceral leishmaniasis: rapid response to AmBisome treatment *O P Smith, I M Hann, H Cox, et al*
- 160 Latex agglutination testing in bacterial meningitis *F O Finlay, H Witherow, P T Rudd*
- 162 Reactivation of chickenpox contracted in infancy *Kihei Terada, Shoji Kawano, Yumiko Hiraga, et al*
- 164 Are nappy sterilisers associated with SIDS? *A W Stewart, E A Mitchell, and other members of the New Zealand Cot Death Study Group*
- 166 Coeliac disease in children of West Indian origin *J C C Hung, A D Phillips, J A Walker-Smith*
- Medical education**
- 168 (5) Presenting a scientific paper, including the pitfalls *L S Lashford*
- Current topic**
- 170 Short bowel syndrome *Mark D Stringer, John W L Puntis*
- Personal practice**
- 174 Making paediatric assessment in suspected sexual abuse a therapeutic experience *Camille De San Lazaro*
- Statistics from the inside**
- 177 15. Multiple regression (1) *M J R Healy*
- 182 **Letters to the editor**
- 186 **Book reviews**
- 188 **Archivist**

No 3 SEPTEMBER 1995

Annotations

- 189 Molecular biology of coeliac disease *Richard Tighe, Paul J Ciclitira*
- 192 Is community screening for amblyopia possible, or appropriate? *M C Wright, D J Colville, F Oberklaid*
- Original articles**
- 196 Long term survival and state of health after paediatric intensive care *Reinoud J B J Gemke, Gouke J Bonsel, A Johannes van Vught*
- 202 Controlled trial of a few foods diet in severe atopic dermatitis *D C Mabin, A E Sykes, T J David*
- 208 Nutritional content of few foods diet in atopic dermatitis *D C Mabin, A E Sykes, T J David*
- 211 Comparison of an elemental with a hydrolysed whey formula in intolerance to cows' milk *C M McLeish, A MacDonald, I W Booth*
- 216 The effect of iron in formula milk after 6 months of age *David Stevens, Alison Nelson*
- 221 Persistent increase in plasma and urinary leukotrienes after acute asthma *A P Sampson, D P Castling, C P Green, et al*
- 226 A non-electrostatic spacer for aerosol delivery *Hans Bisgaard, Jacob Anhej, Bent Klug, et al*
- 231 Birth weight at term and lung function in adolescence: no evidence for a programmed effect
Jean W A Matthes, P A Lewis, D P Davies, et al
- 235 Effect of general anaesthesia on prolonged intraoesophageal pH monitoring *W A McCallion, T M Gallagher, V E Boston, et al*
- 239 Prevalence and correlates of obesity in insulin dependent diabetic patients *E Bognetti, P Macellaro, D Novelli, et al*
- 243 Randomised comparison of ondansetron and metoclopramide plus dexamethasone for chemotherapy induced emesis *G S Dick, S T Meller, C R Pinkerton*
- 246 Skin collagen defects in a patient with juvenile hyaline fibromatosis *Barbara Lubec, I Steinert, F Breier, et al*
- 249 Trichothiodystrophy with sideroblastic anaemia and developmental delay *Sally A Lynch, David de Berker, Alan R Lehmann, et al*
- 251 Growth hormone deficiency and empty sella in DIDMOAD syndrome: an endocrine study *Ashraf T Soliman, Bhasker Bappal, Assim Darwish, et al*
- 253 Management of infantile polyposis syndrome *G J Stiff, A Altwafi, H Jenkins, et al*
- 255 Osteopenia in Crohn's disease *Fiona J Cowan, David R Parker, Huw R Jenkins*
- 256 Dopa responsive dystonia *K Patel, T Roskrow, J S Davis, et al*
- 257 Co-trimoxazole induced aseptic meningitis *Dinesh Pashankar, Maureen McArdle, Anthony Robinson*
- 259 Cardiac involvement in mucopolysaccharidoses: effects of allogeneic bone marrow transplantation
Michael A Gatzoulis, Ashok Vellodi, Andrew N Redington
- Medical education**
- 261 Child health education for the year 2000 *David A Walker, Terence Stephenson, Mitch Blair*
- 263 Core knowledge, skills, and attitudes in child health for undergraduates *J Y Paton, F Cockburn*
- 266 Teaching undergraduates child health: what, how, where, and when? *Hugh Davies*
- 268 Core knowledge, skills, and attitudes for undergraduates: kindling curiosity *J D Baum*
- Statistics from the inside**
- 270 16. Multiple regression (2) *M J R Healy*
- 275 **Letters to the editor**
- 278 **Book reviews**
- 280 **Lucina**

Annotations

- 281 Acute respiratory infection: a global challenge *Harry Campbell*
 284 Otoacoustic emissions *Martin Richardson*

Original articles

- 287 Size at birth and plasma insulin-like growth factor-1 concentrations *C H D Fall, A N Pandit, C M Law, et al*
 294 Blood pressure and smoking: observations on a national cohort *Anne Charlton, David White*
 298 Asthma, enuresis, and chronic illness: long term impact on height *Chris Power, Orly Manor*
 305 Determination of body composition from skinfold thickness: a validation study *J J Reilly, J Wilson, J V G A Durnin*
 311 Long term sequelae of sex steroid treatment in the management of constitutionally tall stature *W J de Waal, M Torn, S M P F de Muinck Keizer-Schrama, et al*
 316 Factors associated with lowered intelligence in homozygous sickle cell disease *Susan Knight, Atul Singhal, Peter Thomas, et al*
 321 Asthma knowledge, attitudes, and quality of life in adolescents *P G Gibson, R L Henry, G V Vimpani, et al*
 327 The effects of inhaled beclomethasone dipropionate on lung function and histamine responsiveness in recurrently wheezy infants *S M Stick, P R Burton, J B Clough, et al*
 333 Blood eosinophil counts and arterial oxygen tension in acute asthma *Daniela Spallarossa, Oliviero Sacco, Donata Giosi, et al*
 338 Cerebrospinal fluid zinc concentrations in febrile convulsions *Ben Zion Garty, Rachel Olomucki, Tally Lerman-Sagie, et al*
 342 Problems of differentiation between epilepsy and non-epileptic paroxysmal events in the first year of life *A Shuper, M Mimouni*
 345 Intracranial tumours during the first two years of life: presenting features *G S Gordon, S J Wallace, J W Neal*
 348 Nutritional care and candidates for small bowel transplantation *S V Beath, I W Booth, M S Murphy, et al*
 351 Filter paper cortisol profiles in secondary adrenocortical insufficiency *J S Sieratzki, C Gompels, K Poyser, et al*
 354 Indications for investigation of chronic gastrointestinal symptoms *R M Beattie, J A Walker-Smith, S H Murch*

Food for thought

- 356 Family meals: a thing of the past *John A Davis*

Current topic

- 357 Adult learning theory, problem based learning, and paediatrics *T J David, Leena Patel*

Research design

- 364 Data collection and management for research studies *Ruth Morley*

Personal practice

- 368 Maintenance treatment and shared care in lymphoblastic leukaemia *Judith M Chessells*

Statistics from the inside

- 374 17. Survival data *M J R Healy*

Letters to the editor

- 378 **Autumn books**

- 310, 341, 374 **Archivist**

Annotations

- 385 Treatment of arrhythmias by radiofrequency ablation *J V de Giovanni*
 388 Irradiation in the prevention of transfusion associated graft-versus-host disease *D K H Webb*
 390 Acellular pertussis vaccines *Elizabeth Miller*

Original articles

- 392 Plasma cholesterol and other cardiac risk factors in adolescent girls *M A Bermingham, E Jones, K Steinbeck, et al*
 398 Diet, obesity, and metabolic control in girls with insulin dependent diabetes mellitus *K H Pietiläinen, S M Virtanen, A Rissanen, et al*
 403 Persistent nocturnal cough in childhood: a population based study *Titus K Ninan, Lesley Macdonald, George Russell*
 408 Indoor environmental risk factors in young asthmatics: a case-control study *A Lindfors, M Wickman, G Hedlin, et al*
 413 Clinical value of monitoring eosinophil activity in asthma *D Y Koller, Y Herouy, M Götz, et al*
 418 Bronchial responsiveness, eosinophilia, and short term exposure to air pollution *Vidar Søyseth, Johnny Kongerud, Peder Broen, et al*
 423 Airway reactivity in parents of infants and young children with recurrent wheeze: a case-control study *Franca Rusconi, Franco Nizardo, Isa Cerveri, et al*
 427 Nebulised amiloride in respiratory exacerbations of cystic fibrosis: a randomised controlled trial *I M Bowler, B Kelman, D Worthington, et al*
 431 Severe microcephaly with normal intellectual development: the Nijmegen breakage syndrome *A J Green, J R W Yates, A M R Taylor, et al*
 435 Putting it on tape: audio taped assessment summaries for parents *Susan J Ilett*
 439 Differentiation of cows' milk intolerance and gastro-oesophageal reflux *Annamaria Staiano, Riccardo Troncone, Domenico Simeone, et al*

- 443 Factors affecting rectal temperature in infancy *C S Tuffnell, S A Petersen, M P Wailoo*
- 447 Heart transplantation for dilated cardiomyopathy *Satish S Adwani, Bruce F Whitehead, Philip G Rees, et al*
- 453 Infantile osteopetrosis; bone marrow transplantation from a cousin donor *G Malcolm Taylor, Simon P Dearden, Andrew M Will, et al*
- 456 Liver transplantation for homozygous familial hypercholesterolaemia *S P Revell, G Noble-Jamieson, P Johnston, et al*
- 459 Preparing the bowel for colonoscopy *Kabir Abubakar, Norma Goggin, Siobhan Gormally, et al*
- 462 Gastric volvulus and associated gastro-oesophageal reflux *Madan Samuel, David M Burge, D Mervyn Griffiths*
- Controversy**
- 465 Colposcopic genital findings in prepubertal girls assessed for sexual abuse *C J Hobbs, J M Wynne, A J Thomas*
 Commentary—*Andrea M Vandeven, S Jean Emans*
- Current topic**
- 472 Cognitive behaviour therapy in children and adolescents *Carole A Kaplan, Anne E Thompson, Sheila M Searson*
- Personal practice**
- 476 Lymphadenopathy *Bruce Morland*
- 480 **Letters to the editor**
- 483 **Video review**
- 484 **Lucina**
- 483 **Archivist**

No 6 DECEMBER 1995

Annotations

- 485 Late effects of phenylketonuria *J H Walter*
- 487 Stepfamilies and children's adjustment *Judy Dunn*

Original articles

- 490 Maternal HIV infection, drug use, and growth of uninfected children in the first 3 years *Amanda Ross, Gillian M Raab, Jacqueline Mok, et al*
- 496 What do mothers remember about the 'Back to Sleep' campaign? *C M H Hiley, C Morley*
- 498 Immunisation and the sudden infant death syndrome *E A Mitchell, A W Stewart, M Clements, et al*
- 502 Apparent life threatening events and infant holding practices *Roger W Byard, Richard H Burnell*
- 505 Calculation of the need for paediatric intensive care beds *Eugene Milne, Paula Whitty*
- 508 Antidiuretic hormone regulation in patients with primary nocturnal enuresis *P Eggert, B Kühn*
- 512 Is microalbuminuria progressive? *J P H Shield, L P Hunt, F Karachaliou, et al*
- 515 Cardiovascular autonomic dysfunction in diabetes mellitus *L Barkai, L Madácsy*
- 519 Lung function from infancy to school age in cystic fibrosis *Caroline S Beardmore*
- 524 Bone and collagen turnover during treatment with inhaled dry powder budesonide and beclomethasone dipropionate *N H Birkebæk, G Esberg, K Andersen, et al*
- 528 Choleliths: lessons from a 20 year experience *M D Stringer, A Dhawan, M Davenport, et al*
- 532 Radiological assessment of constipation *A J Blethyn, K Verrier Jones, R Newcombe, et al*
- 534 Radiological evidence of constipation in urinary tract infection *A J Blethyn, H R Jenkins, R Roberts, et al*
- 536 Abrupt aggravation of atrioventricular block and syncope in hypertrophic cardiomyopathy *Masamichi Tamura, Kenji Harada, Tadahiko Ito, et al*
- 538 Response to drugs and diet in a compound heterozygote for familial hypercholesterolaemia *V Gudnason, D P R Muller, J K Lloyd, et al*

Regular review

- 541 Child health statistical review, 1995 *Mary Jane Platt, P O D Pharoah*

Hypothesis

- 549 Effects of nicotine on bacterial toxins associated with cot death *N M Sayers, D B Drucker, D R Telford, et al*

Personal practice

- 552 The EEG and neuroimaging in the management of the epilepsies *N V O'Donohoe*
- 557 The place of the EEG and imaging in the management of seizures *C M Verity*

Current topics

- 563 The new BPA classification *Paul Crawshaw*
- 568 Diphtheria: are we ready for it? *Norman Begg, Vinohar Balraj*

- 573 **Referees and staff**

- 576 **Index**

VOLUME 73 · CONTENTS · Fetal and Neonatal Edition

No 1 JULY 1995

Annotation

- F1 Inflammatory mediators and bronchopulmonary dysplasia *Peter Groneck, Christian P Speer*

Original articles

- F4 Low birthweight infants and total parenteral nutrition immediately after birth. I. Energy expenditure and respiratory quotient of ventilated and non-ventilated infants *J S Forsyth, A Crighton*
- F8 Low birthweight infants and total parenteral nutrition immediately after birth. II. Randomised study of biochemical tolerance of intravenous glucose, amino acids, and lipid *N Murdock, A Crighton, L M Nelson, et al*
- F13 Low birthweight infants and total parenteral nutrition immediately after birth. III. Randomised study of energy substrate utilisation, nitrogen balance, and carbon dioxide production *J S Forsyth, N Murdock, A Crighton*
- F17 Abundance of endothelial nitric oxide synthase in newborn intrapulmonary arteries *A A Hislop, D R Springall, L D K Buttery, et al*
- F22 Randomised, double blind trial of two loading dose regimens of diamorphine in ventilated newborn infants *D P Barker, J Simpson, M Pawula, et al*
- F27 Randomised controlled trial of allopurinol prophylaxis in very preterm infants *G A B Russell, R W I Cooke*
- F32 Use of the CRIB (clinical risk index for babies) score in prediction of neonatal mortality and morbidity *Richard H B de Courcy-Wheeler, Charles D A Wolfe, Anthony Fitzgerald, et al*
- F37 *Ureaplasma urealyticum* as a cause of pneumonia in preterm infants: analysis of the white cell response *A Panero, L Pacifico, N Rossi, et al*
- F41 Fetofetal transfusion in triplets *V K Rehan, S M Menticoglou, M M K Seshia, et al*
- F44 Sodium glycerophosphate in the treatment of neonatal hypophosphataemia *I Costello, C Powell, A F Williams*
- F46 Group B streptococcal infection: when does vertical transmission take place? *C A Michie, R Blumberg*

Current topic

- F48 Mechanism of visceral damage in fetofetal transfusion syndrome *V K Rehan, S M Menticoglou*

Perinatal lessons from the past

- F51 Soranus of Ephesus (circa AD 98–138) and perinatal care in Roman times *Peter M Dunn*

Letters to the editor

Book review

No 2 SEPTEMBER 1995

Original articles

- F55 Neural migration disorders studied by cerebral ultrasound and colour Doppler flow imaging *Adelina Pellicer, Fernando Cabañas, Antonio Pérez-Higueras, et al*
- F62 Motor impairment in children 12 to 13 years old with a birthweight of less than 1250 g *Andrew Powls, Nicola Botting, Richard W I Cooke, et al*
- F67 Ischaemic and haemorrhagic brain lesions in newborns with seizures and normal Apgar scores *Eugenio Mercuri, Frances Cowan, Mary Rutherford, et al*
- F75 Predictive value of early neuroimaging, pulsed Doppler and neurophysiology in full term infants with hypoxic-ischaemic encephalopathy *P Eken, M C Toet, F Groenendaal, et al*
- F81 Oxygen at birth and prolonged cerebral vasoconstriction in preterm infants *K E Lundström, O Pryds, G Greisen*
- F87 Third trimester fetal growth and umbilical venous blood concentrations of IGF-1, IGFBP-1, and growth hormone at term *J A D Spencer, T C Chang, J Jones, et al*
- F91 Role of ECMO in the treatment of respiratory syncytial virus bronchiolitis: a collaborative report *J Y Khan, S J Kerr, A Tometzki, et al*
- F95 Pulmonary haemodynamics after surfactant replacement in severe neonatal respiratory distress syndrome *M-C Bloom, M Roques-Gineste, F Fries, et al*
- F99 Effect of human colostrum on interleukin-2 production and natural killer cell activity *Lea Sirota, Rachel Straussberg, Ida Notti, et al*
- F103 Mitochondrial very long chain acyl-CoA dehydrogenase deficiency – a new disorder of fatty acid oxidation *Claude Largillière, Christine Vianey-Saban, Monique Fontaine, et al*
- F106 Model to identify potentially preventable cerebral palsy of intrapartum origin *Geraldine Gaffney, Valerie Flavell, Ann Johnson, et al*
- F109 Failure of the urinary group B streptococcal antigen test as a screen for neonatal sepsis *M Williamson, S H Fraser, M Tilse*

Current topic

- F112 Antioxidants in neonatal lung disease *C Helen Fardy, M Silverman*

Perinatal lessons from the past

- F118 Dr Francis Ramsbotham (1801–1868) and obstetric practice in London *Peter M Dunn*

Letters to the editor

Book review

Annotation

- F125 Surfactant apoprotein B deficiency *P A J Chetcuti, R J Ball*

Original articles

- F128 Neurodevelopmental outcome of preterm infants with bronchopulmonary dysplasia *Peter H Gray, Yvonne R Burns, Heather A Mohay, et al*
- F135 Parental factors in cognitive outcome of non-handicapped low birthweight infants *Kristian Sommerfelt, Bjørn Ellertsen, Trond Markestad*
- F143 Neurosensory outcome at 5 years and extremely low birthweight *The Victorian Infant Collaborative Study Group*
- F147 Respiratory illness in families of preterm infants with chronic lung disease *J P de Winter, L van Sonderen, J N van den Anker, et al*
- F153 Analysis of fetal and neonatal urine using proton nuclear magnetic resonance spectroscopy *P J D Foxall, S Bewley, G H Neild, et al*
- F158 Catch up growth and pancreatic function in growth retarded neonates *S P Williams, G M Durbin, M E I Morgan, et al*
- F162 Haemodialysis and ultrafiltration in babies weighing under 1000 g *M G Coulthard, J Sharp*
- F166 Use of specific immunoradiometric assay to determine preterm neonatal insulin-glucose relations *J M Hawdon, M Hubbard, C N Hales, et al*
- F170 Comparison of two reflectance photometers in the assessment of neonatal hypoglycaemia *Pamela Kirkham, Andrew Watkins*
- F174 Acute effects of two different doses of magnesium sulphate in infants with birth asphyxia *M Levene, M Blennow, A Whitelaw, et al*
- F178 Liver transplantation for neonatal haemochromatosis *P Muiesan, M Rela, P Kane, et al*
- F181 Autologous umbilical cord blood transfusion *A Ballin, E Arbel, G Kenet, et al*
- F184 Nellcor Stat Cap differentiates oesophageal from tracheal intubation *Paul D Sutherland, Michael Quinn*

Current topic

- F187 Managing acute renal failure in very low birthweight infants *M G Coulthard, Bryan Vernon*

Perinatal lessons from the past

- F193 Professor Pierre Budin (1846-1907) of Paris, and modern perinatal care *Peter M Dunn*

Letters to the editor

Book reviews

Contents